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Attorney Docket No.: 018563-006010US Client Reference No.: AT-00109.1

Commissioner for Patents

P.O. Box 1450

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Alexandria, VA 22313-1450

SEND and TOWNSEND TO THE REW LLE

Krista Merrimac

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jones et al.

Application No.: 10/802,124

Filed: March 15, 2004

For: SUBDIVIDING A DIGITAL

**DENTITION MODEL** 

Customer No.: 46718

Examiner: Wilson, J. J.

Art Unit: 3732

SUPPLEMENTAL INFORMATION

DISCLOSURE STATEMENT UNDER 37

CFR §1.97 and §1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 1287 OG 163] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

Jones et al.

Application No.: 10/802,124

Page 2

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

S.B. Kobwal

Sujit B. Kotwal Reg. No. 43,336

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Tel: 650-326-2400 Fax: 650-326-2422

SBK:tfw 60563442 v1 OLD E 1200

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 5

	Complete if Known
Application Number	10/802,124
Filing Date	March 15, 2004
First Named Inventor	JONES, TIMOTHY N.
Art Unit	3732
Examiner Name	Wilson, J. J.
Attorney Docket Number	018563-006010US

			U.S. PATENT DO		
xaminer Initials*	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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,	2	3,683,502	08-15-1972	Wallshein.	
	3	3,922,786	12-02-1975	Lavin	
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	12	4,664,626	05-12-1987	Kesling	
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	18	4,889,238	12-26-1989	Batchelor	
-	19	4,890,608	01-02-1990	Steer	
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	21	4,941,826	07-17-1990	Loran et al.	
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Applicant's unique citation designation number (optional). 

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For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 

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Substitute for form 1449A/PTO					Complete if Known	
				Application Number	10/802,124	
INF	ORMATION	1 DIS	SCLOSURE	Filing Date	March 15, 2004	
STA	ATEMENT E	BY A	PPLICANT	First Named Inventor	JONES, TIMOTHY N.	
				Art Unit	3732	
	(use as many sh	eets a	s necessary)	Examiner Name	Wilson, J. J.	
Sheet	2	of	5	Attorney Docket Number	018563-006010US	

		_	U.S. PATENT DO	CUMENTS+	
Examiner Initials*	Cite No.1	Document Number  Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	42	6,015,289	01-18-2000	Andreiko et al.	
	43	6,044,309	03-28-2000	Honda	
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	T	For	reign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No.1	Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited  Document	Passages or Relevant Figures Appear	T <sup>6</sup>
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	70	ES	463897	01-01-1980	Hito Suyehiro		
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	74	JP	08-508174	09-03-1996	Ormco Corp		Ø

Examiner Signature	Date Considered	

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Applicant's unique citation designation number (optional). 

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Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 

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Substitu	te for form 1449A/P	го		Complete if Known		
				Application Number	10/802,124	
INFO	DRMATION	I DIS	SCLOSURE	Filing Date	March 15, 2004	
STATEMENT BY APPLICANT		First Named Inventor	JONES, TIMOTHY N.			
				Art Unit	3732	
	(use as many sh	eets a	s necessary)	Examiner Name	Wilson, J. J.	
Sheet	3	of	5	Attorney Docket Number	018563-006010US	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	For	eign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	<b>⊤</b> 6
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		Document	Figures Appear	<del>  '</del>
	75	wo	98/32394	07-30-1998	Hultgren Bruce Willard		

Examiner Signature	Date Considered	

Substitute	Substitute for form 1449B/PTO				Complete if Known
			01 001105	Application Number	10/802,124
			CLOSURE	Filing Date	March 15, 2004
STAT	STATEMENT BY APPLICANT			First Named Inventor	JONES, TIMOTHY N.
				Art Unit	3732
(ı	(use as many sheets as necessary)		Examiner Name	Wilson, J. J.	
Sheet	4	of	5	Attorney Docket Number	018563-006010US

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
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	78	CARDINAL INDUSTRIAL FINISHES, Powder Coatings information posted at http://www.cardinalpaint.com on Aug. 25, 2000, 2 pages total.	
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	82	GOTTLEIB et al., "JCO Interviews Dr. James A. McNamura, Jr., on the Frankel Appliance: Part 2: Clinical Management, "Journal of Clinical Orthodonitcs, Vol. 16, No. 6, (June 1982) pp. 390-407	
***	83	HOJJATIE et al., "Three-Dimensional Finite Element Analysis of Glass-Ceramic Dental Crowns," <i>J Biomech.</i> (1990) Vol. 23, No. 11, pp.1157-1166.	
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Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)				Complete if Known	
				Application Number	10/802,124
				Filing Date	March 15, 2004
				First Named Inventor	JONES, TIMOTHY N.
				Art Unit	3732
				Examiner Name	Wilson, J. J.
Sheet	5	of	5	Attorney Docket Number	018563-006010US

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	90	REKOW et al., "Comparison of Three Data Acquisition Techniques for 3-D Tooth Surface Mapping," <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , (1991) Vol. 13, No. 1, pp. 344-345.	
	91	SCHROEDER et al., Eds. The Visual Toolkit, Prentice Hall PTR, New Jersey (1998) Chapters 6, 8 & 9, (pages 153-210,309-354, and 355-428, respectively).	
-	92	SINCLAIR, "The Readers' Corner," <i>Journal of Clinical Orthodontics</i> , Vol 26, No. 6, (June 1992) pp. 369-372	
_	93	VARADY et al., Reverse Engineering Of Geometric Models—An Introduction, Computer-Aided Design, 29 (4):255-268,1997.	

Examiner	Date
Signature	Considered

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